1-CH eSATA/ 1-CH SATA/ 1-CH PATA Adapter

AEC-6293

Quick Guide

Version: 1.0

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Release: March 2008

Chapter 1 Introduction

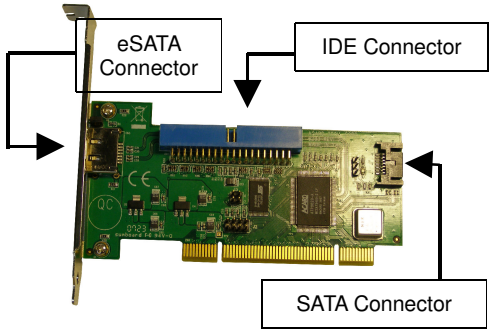
1.1 Overview

ACARD AEC-6293 is a 32-bit/100MHz, 1-ch eSATA/ 1-ch SATA/ 1-ch PATA and high-performance PCI-X to SATA II/ PATA card. Within ACARD's latest cutting-edge single chip, the speed of its SATA ports can reach 3.0Gbps and can be switched to 1.5Gbps manually. Moreover, its eSATA/ SATA II ports support port multiplier that can expand your storage by connecting to a SATA RAID subsystem such as ANS-9050 SATA RAID family.

1.2 Specification

Power requirement --- Voltage: 3.3V +/– 2%
5V +/– 2%
Current: 0.5A Max.
Environment --- Operating temperature: -20°C to 65°C
Storage temperature: -20°C to 65°C
Humidity --- 15% to 90%
Dimensions --- Width: 14.0cm
Height: 6.0cm
Connectors --- One 7-pin eSATA connector,
One 7-pin SATA connector,
One 40-pin IDE connector

1.3 Outline



1.4 OS Compatibility

-Windows 32-bit Vista/Server 2003/ XP/2000
-Windows 64-bit Vista/Server 2003/ XP

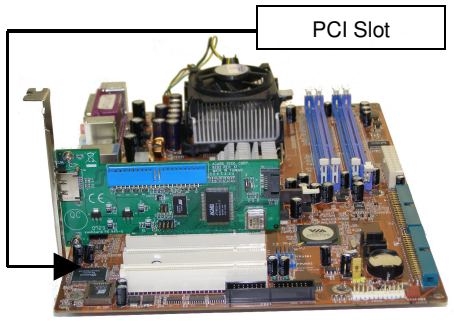
1.5 Package

- AEC-6293 × 1
- Internal Serial ATA Cable × 1
- IDE Cable x 1
- ACARD Support CD × 1
- Quick installation guide × 1

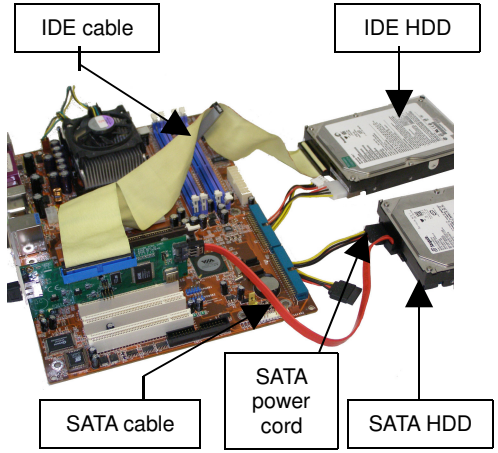
Chapter 2 Hardware Installation

Please follow the 7 steps to install AEC-6293

1. Be sure that the system power has been off.
2. Open the chassis of PC.
3. Insert AEC-6293 into an available PCI slot.



4. Screw the AEC-6293 onto the chassis.
5. Connect AEC-6293 with a SATA/IDE hard drive via SATA/eSATA/IDE cable and connect the power cord to the hard drive properly.



6. Close the chassis and power on the system.
7. If your have external eSATA system, connect AEC-6293 with external SATA system via eSATA cable.

Chapter 3 Driver Installation

Windows 2000/ XP/2003:

Please follow the steps below to install the driver of AEC-6293.

1. After installing AEC-6293 H/W, boot up the computer and enter Windows XP.
2. The system will detect new device and the Hardware Update Wizard pops up. Select "Install from a list or specific location (Advanced)". Then click "Next".
3. Follow the wizard. Windows XP will require the driver's location. Select "Include this location in the search".
4. Select "Browse" to find the driver's directory of AEC6293.inf such as A:\WinXP.
5. After wizard finds the driver, click "Next".
6. Click "Continue Anyway" to continue the installation.
7. Follow the directions. The system will complete the setup automatically.
8. After setup, please boot the system, and click "My Computer."
9. Find "View system information," double click.
10. In "System Properties", click "Hardware" and then "Device Manager".
11. Under "SCSI and RAID Controllers" double click "ACARD AEC-6293 Serial ATA RAID Controller" to see if the card is installed successfully.

Windows Vista:

Please follow the steps below to install the driver of AEC-6293.

1. After installing AEC-6293, boot up the computer and enter Windows Vista.
2. The system will detect a new device and the "Found New Hardware" pops up. Click "Locate and install driver software."
3. Insert ACARD Support CD. Windows will automatically search for driver software.
4. Click "Install this driver software anyway" to continue the installation.
5. Follow the directions. The system will complete the setup automatically.

NOTICE: During driver installation, if you encounter the problem of Windows logo, please click "Continue Anyway". Windows logo is a mechanism designed to prevent OS from working abnormally because of installing unidentified software. Yet, the driver of AEC-6293 is proven not to affect the entire work of OS.

For more details, please refer to e-manual on ACARD website.